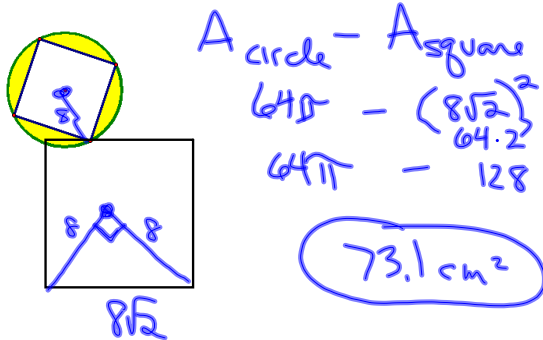
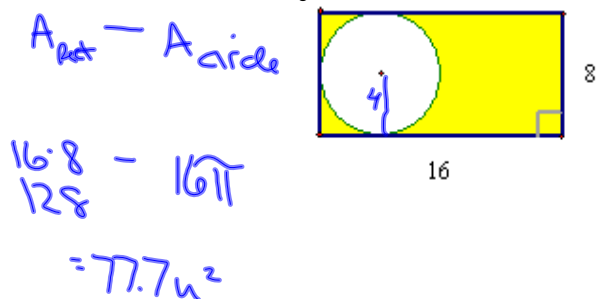


# 11-3 Continued Shaded Regions

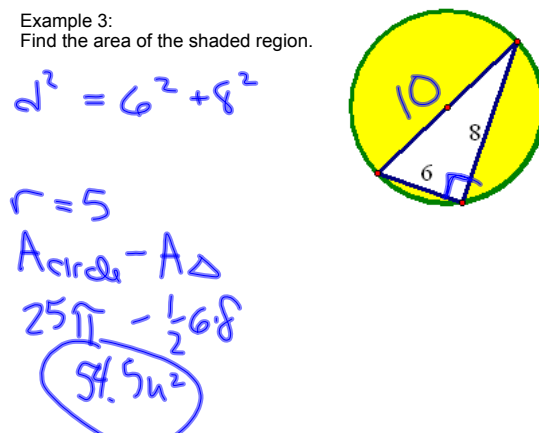
Find the area of the shaded region.  
The radius is 8 cm.



Example 2:  
Find the area of the shaded region.



Example 3:  
Find the area of the shaded region.

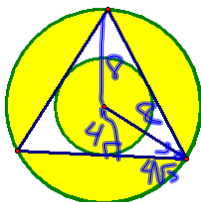


Example 4:  
Find the area of the shaded region.

$$A_{\text{big circle}} - A_{\Delta} + A_{\text{small circle}} \quad \#22 \quad r = 8$$

$$64\pi - \frac{1}{2} \cdot 8\sqrt{3} \cdot 12 + 16\pi$$

$$168.2 \text{ u}^2$$



HW

p613-615

15, 18, 20, 21, 39, 42, 44